

Table 1. Follicle counts of morphologically normal follicles at different stages in each group on the fourth day after allogeneic whole ovarian transplantation

Group	Primordial follicles	Primary follicles	Secondary follicles	Sinus follicles
Control (n=5)	103.6±3.4**	24.0±2.7**	13.4±2.4**	7.6±1.1**
Saline (n=5)	56.4±4.9	12.4±2.1	5.6±1.8	1.6±1.1
Low-dose (n=5)	64.4±5.9*	17.6±2.7*	8.4±1.1*	2.8±0.8
High-dose (n=5)	80.8±2.9**	19.0±3.5**	10±1.6**	5.4±1.1**

On the fourth postoperative day, the number of primordial, primary, and stimulated follicles was significantly higher in the control, low-dose and high-dose melatonin groups compared with the saline group ($P<0.05$, ** $P<0.01$). A higher number of sinus follicles was found in the control and high-dose melatonin groups than in the saline group (** $P<0.01$). Data are represented as means±SD.*